

05/15/01

A

1c867 U.S. PTO  
05/14/01

Practitioner's Docket No. 782\_163

PATENT

NEW APPLICATION TRANSMITTAL

Box Patent Application  
Assistant Commissioner for Patents  
Washington D.C. 20231

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to **Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231** on May 14, 2001 under "EXPRESS MAIL" mailing label number EL742732425US.

*Elizabeth A. VanAntwerp*  
Elizabeth A. VanAntwerp

1c867 U.S. PTO  
09/854924  
05/14/01

Transmitted herewith for filing is the patent application of:

- Inventor 1: Toshihisa YOKOYAMA  
Address: c/o NGK Insulators, Ltd.  
2-56, Suda-Cho, Mizuho-Ku  
Nagoya-City, Aichi-Pref. 467-8530  
Japan
- Inventor 2: Ken-ichi NODA  
Address: c/o NGK Insulators, Ltd.  
2-56, Suda-Cho, Mizuho-Ku  
Nagoya-City, Aichi-Pref. 467-8530  
Japan
- Inventor 3: Katsuhiro IMAI  
Address: c/o NGK Insulators, Ltd.  
2-56, Suda-Cho, Mizuho-Ku  
Nagoya-City, Aichi-Pref. 467-8530  
Japan
- Inventor 4: Minoru IMAEDA  
Address: c/o NGK Insulators, Ltd.  
2-56, Suda-Cho, Mizuho-Ku  
Nagoya-City, Aichi-Pref. 467-8530  
Japan

Title: PROCESS AND APPARATUS FOR PRODUCING AN OXIDE SINGLE CRYSTAL

1. Papers enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

- 12 Page(s) of Specification
- 3 Page(s) of Claims
- 1 Page(s) of Abstract
- 4 Sheets of Formal Drawings (Figs. 1-4)

B. Other Papers Enclosed

- ☒ A Patent Application Bibliographic Data
- ☒ A Preliminary Amendment
- ☒ A Claim for Priority and a certified copy of 2000-144,815 filed May 17, 2000 in Japan
- ☐ An Information Disclosure Statement
- ☐ PTO Form-1449

09854924-054404

**2. Additional Papers to Follow Under Separate Cover**

- ☒ A combined Declaration and Power of Attorney  
☒ An Assignment Transmittal and Assignment of the invention to  
NGK Insulators, Ltd.

**3. The correspondence address for this application is:**

Stephen P. Burr  
 Burr & Brown  
 P.O. Box 7068  
 Syracuse, New York 13261-7068

Telephone: (315) 233-8300  
 Facsimile: (315) 233-8320

Customer No.: 025191

**4. Small Entity Status**

☐ Applicant claims small entity status. See 37 CFR § 1.27.

**5. The filing fee has been calculated as shown below:**

- A. Filing Fee  
☒ Original Patent Application \$ 710.00  
(37 C.F.R. 1.16(a) --\$710.00, Small Entity--\$355.00)
- B. Fees for Claims (26 Claims; 2 Indep.)  
☐ each independent claim in excess of 3 \$ .00  
(37 C.F.R. 1.16(b) --\$80.00, small entity--\$40.00)  
☒ each claim in excess of 20 \$ 108.00  
(37 C.F.R. 1.16(c) --\$18.00, small entity--\$9.00)  
☐ multiple dependent claim(s) \$ .00  
(37 C.F.R. 1.16(d) --\$270.00; small entity--\$135.00)
- C. Surcharge fees  
☒ late payment of filing fee \$ 130.00  
(37 C.F.R. 1.16(e) --\$130.00, small entity--\$65.00)
- and/or
- ☒ late filing of original declaration or oath \$ .00  
(37 C.F.R. 1.16(e) --\$130.00, small entity--\$65.00)
- NOTE If both the filing fee and declaration or oath were missing from the original papers, only one surcharge fee for both need be paid 37 C.F.R. 1.16(e).
- D. ☐ Fee for processing an application filed with a specification in a non-English language \$ .00  
(37 C.F.R. 1.17(k) and 1.52(d) --\$130.00)
- E. ☒ Assignment Fee \$ 40.00

**Total Fees Due \$ 988.00**

## 6. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

☐ A check in the amount of \_\_\_\_\_ is enclosed.

☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.


☐ Any additional filing fees required under 37 CFR 1.16.

☐ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

May 14, 2001

Date \_\_\_\_\_

  
Stephen P. Burr  
Reg. No. 32,970

SPB/eav

**BURR & BROWN**  
P.O. Box 7068  
Syracuse, NY 13261-7068

Customer No.: 025191  
Telephone: (315) 233-8300  
Facsimile: (315) 233-8320

[illegible]